

MultiPRO-250-15-4



PATON MULTIPRO-250-15-4 inverter welding machine

– is a multifunctional device that ensures full operation in MIG/MAG, MMA, and TIG DC modes, allowing for the welding of a wide range of low-carbon, low-alloy, and high-alloy steels. Thanks to the built-in oscillator for non-contact arc ignition and the gas valve, the machine's capabilities in TIG DC mode are significantly expanded.



Processes



Input



Output



PARAMETERS

| | |
|---|--|
| Rated voltage of the three-phase mains 50 / 60Hz, V | 220/230 |
| Rated current from each phase of the network, A | 29,6–35,1 |
| Nominal welding current, A | 250 |
| Maximum operating current, A | 355 |
| Duration of loading (LD), % | 60% / 250A 100% / 193A |
| Power supply voltage change limits, V | 160–260 |
| Welding current regulation limits, A | 12–250 |
| Limits of regulation of welding voltage, V | 12–28 |
| Diameter of a welding wire, mm | 0,6–1,2 |
| Pulse modes for | MMA: 0,2–500 Hz; TIG: 0,2–500 Hz; MIG / MAG: 30–300 Hz |
| Rated power consumption, kVA | 6,6–7,8 |
| Overall dimensions, L×W×H, mm | 360 × 260 × 270 |
| Standards | EN IEC 60974-1 |
| Protection class | IP 33 |
| Insulation class | H |
| Operating temperature range | –25 ... +45°C |
| Wire feeder mechanism | 4-roller with drive on all rollers |
| Maximum weight of the coil, kg | 18 |

ADVANTAGES



FRONT CONTROLS



- 1 Digital display
- 2 Welding mode selection button
- 3 The regulator for selecting the functions (parameters)
- 4 Welding program selection button
- 5 Button for testing shielding gas supply (wire is not fed)
- 6 Button for adjusting the welding voltage on the wire feeder
- 7 The regulator for selecting the functions (parameters)
- 8 Digital display
- 9 Button for selecting functions of the wire feeder
- 10 Button for testing shielding gas supply (wire is not fed)
- 11 Power supply plug to the wire feeder
- 12 EURO type KZ-2 connector for connecting a semi-automatic torch
- 13 Connector for controlling torch buttons (TIG welding)
- 14 Socket for shielding gas supply to the torch (TIG welding)
- 15 Lifting protective cover for wire feeder compartment
- A Bayonet-type power current socket "+"
- B Bayonet-type power current socket "-"



APPLICATIONS

Welding a wide range of products both of lowcarbon and low-alloy steels and high-alloy steels in workshops, production shops, when manufacturing and assembling metal constructions.



COMPLETE SET

- 1 – The 26 TIG torch, 4 m
- 2 – MIG/MAG torch, 3 m
- 3 – Welding cables with electrode holder and «ground» terminal,
- 4 – The quick-release nipple for a gas hose
- 5 – Set of rollers for 4 diameters of steel and 2 diameters of aluminum wire
- 6 – The shoulder-carry belt

